

19980307.qrp v01_n022.qrs.980307

Date: Sat, 7 Mar 1998 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1022

QRP-L Digest 1022

Topics covered in this issue include:

- 1) [5424] Re: Headphones
by Monte Stark <ku7y@dri.edu>
- 2) [5425] Re: No QRP in NY Times article
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 3) [5426] Re: Paddles and Learning
by Vic Rosenthal <rakefet@rakefet.com>
- 4) [5427] Re: pacificon poop
by Monte Stark <ku7y@dri.edu>
- 5) [5428] W3EDP Questions
by Richard Sherman <srichard@aldus.northnet.org>
- 6) [5429] FS: QRP+
by "Stuart B.D. Hunt" <stuart001@ameritech.net>
- 7) [5430] Re: NU0V/John
by jerrydeen@juno.com (Gerald A Huldeen)
- 8) [5431] NY Times article
by jerrydeen@juno.com (Gerald A Huldeen)
- 9) [5432] Ny Times URL
by jerrydeen@juno.com (Gerald A Huldeen)
- 10) [5433] Re: Ham Radio
by "Frank A. West" <ke6vhm@earthlink.net>
- 11) [5434] Re: CW on 10 meters ???
by "Frank A. West" <ke6vhm@earthlink.net>
- 12) [5435] Battery monitor idea
by Maurice Rice <rice4@greenville.infi.net>
- 13) [5436] Battery monitor idea
by Maurice Rice <rice4@greenville.infi.net>
- 14) [5437] FS: TenTec Century 21
by amarriot@Direct.CA (Albert Daniel Marriott)
- 15) [5438] The Art of Electronics
by Larry Jones <ljones@flash.net>
- 16) [5439] Re: No QRP in NY Times article
by Bruce Muscolino <w6toy@pop.erols.com>
- 17) [5440] Re: The Art of Electronics
by Bruce Muscolino <w6toy@pop.erols.com>
- 18) [5441] Re: Headphones
by "John J. McDonough" <jjmcd@mdn.net>
- 19) [5442] SPRAT 94

- by George Dobbs <g3rjv@gqrp.demon.co.uk>
- 20) [5443] OScopes
by ki7mn@dancris.com
- 21) [5444] Ny Times URL
by ki7mn@dancris.com
- 22) [5445] Re: Headphones
by David Shalita <af389@lafn.org>
- 23) [5446] Re: NorCal to have Major Announcement at Dayton
by nilsbull@juno.com (Nils R Young)
- 24) [5447] MFJ tuner
by Justin Davis <JustinDD@usa.net>
- 25) [5448] Dayton Event
by DENNIS MO <DENNISMO@aol.com>
- 26) [5449] Getting Kids On CW
by DENNIS MO <DENNISMO@aol.com>
- 27) [5450] qrp cw 28.110
by "Curtis D. Levin" <cdlevin@dialisdn.com>
- 28) [5451] Re: Getting Kids On CW
by "Curtis D. Levin" <cdlevin@dialisdn.com>
- 29) [5452] RE: Whizzing tales
by Kevin Muenzler - WB5RUE <wb5rue@stic.net>
- 30) [5453] W3EAX - change of pace - more oomph & bigger ants
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 31) [5454] Using Topo Maps for selecting QRP sites
by Tim Ahrens <tahrens@inetport.com>
- 32) [5455] FDIM - Live?
by Ed Manuel <n5em@flash.net>
- 33) [5456] Re: Getting Kids On CW
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 34) [5457] Re: Getting Kids On CW
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 35) [5458] Re: Dayton Event
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 36) [5459] Norcal Paddles up and paddling' + contest!!
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 37) [5460] Re: NorCal to have Major Announcement at Dayton
by Paul Harden <pharden@aoc.nrao.edu>
- 38) [5461] Re: Apology
by Monte Stark <ku7y@dri.edu>
- 39) [5462] Re: TechAmerica 20Mhz Protek Scope
by Paul Harden <pharden@aoc.nrao.edu>
- 40) [5463] Re: NorCal to have Major Announcement at Dayton
by Monte Stark <ku7y@dri.edu>
- 41) [5464] SSB DX
by Monte Stark <ku7y@dri.edu>
- 42) [5465] Re: Apology
by Chris Trask <ctrask@primenet.com>
- 43) [5466] SMiTe Help

by Bob Roach <KE4Q0K@worldnet.att.net>
44) [5467] Alaska NOW!
by Bruce Ratray <ratray@gpfn.sk.ca>
45) [5468] P Beacon - on 80 Meters
by joel malman <malman@world.std.com>
46) [5469] KL SMiTe #123
by Scottae4vq <Scottae4vq@aol.com>
47) [5470] norcal key kit
by marion@montana.com
48) [5471] Now Bring on Elmer101
by "Joe E. Eder" <joe_eder@compuserve.com>
49) [5472] Delayed Thanks for QRP Wattmeter Information
by "Karl B. Staddon" <ve6kbs@AGT.NET>
50) [5473] Cheap small solar panels
by Jim <kj5tf@mctc.com>

Date: Fri, 06 Mar 1998 16:04:58 -0800
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [5424] Re: Headphones
Message-ID: <35008F2A.199E93B6@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>
>
> These cheap FM wireless headphones work in the 49 Mhz region, same as Baby
> monitors and such. I was fixing a set here at the shop and could hear
> someone's baby monitor nearby broadcasting house noises. Might pick up
> cordless phones too.

After reading this it made me wonder..... after all the box said VHF. So
I put the TX near the Freq. counter and it shows 99.8+ Mhz.

Not sure that this really means anything but there it is!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Fri, 6 Mar 1998 16:14:26 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5425] Re: No QRP in NY Times article
Message-ID: <01bd495d\$fd732590\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
>...ham radio article in New York Times
>...It also claims 4,000 watts as the maximum legal power. Ouch!

Maybe we missed the new rules handed down from the FCC? I could swear that the guys on the hillside behind my QTH in the valley were running 4 kW during the NA Sprint.

Mike K1MG

Date: Fri, 06 Mar 1998 16:19:30 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5426] Re: Paddles and Learning
Message-ID: <35009292.82B3D7C7@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

> But yes, someday I'll learn IAMBIC -- It is another CW operating
> skill to master... and I will someday.

Take it from another old bug man, it's NOT easy! I keep buying Iambic paddles and then trading them away to go back to my Vibroplex single-lever vibrokeyer. For some

reason, this stuff was easier to learn 40 years ago...

Vic K2VCO

Date: Fri, 06 Mar 1998 16:21:33 -0800
From: Monte Stark <ku7y@dri.edu>
To: wb8ygg@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5427] Re: pacificon poop
Message-ID: <3500930D.F219A6E@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

But I need to mention that we will NEVER tease Chuck about that. And Doug Hendricks will never divulge the cost of getting Brad to pawn off that Mode A keyer on Chuck....

Naw, Chuck will probably never ever hear anything about it again! :-)

: -)

Now if you have never been standing next to an Expert, wondering if you will be able to hold up your end of the super high class presentation. Then to just look to see where all that funny sounding code like stuff is coming from only to see that "dead deer in the headlight" look pasted all over the Expert's face..... well, you just haven't lived!

But I'll never mention it. Nope, not me! :-)

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Fri, 06 Mar 1998 19:56:56 -0500
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-l@Lehigh.EDU
Subject: [5428] W3EDP Questions
Message-ID: <3.0.1.32.19980306195656.008e6100@aldus.northnet.org>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I just put up a W3EDP antenna (it took longer to measure the wire than to put it up). It doesn't seem to be working according to theory however. The wire comes in under the window (vinyl) and the tuner is as close to the window sill as I can get it (less than a foot of wire is inside). I get a good match on 80, 30, 15 and 10. I'm unable to get a match under 3:1 on any other band. On 80, the match is very critical, and is 1:1 only around 3.75MHz. It is 2:1 at 3.56. The tuner is an old MFJ 945C which I modified to a PI network per WOWUZ's 9/96 article in 73 Magazine. According to James Duffy's recent post however, this tuner may not be the best choice for this antenna however. An L network would be a better choice. I have both a 17' and a 6.5' counterpoise attached. Should these be attached to the ground terminal or the same terminal as the antenna? It didn't seem to make much difference in either instance. The dimensions of the antenna are also subject to debate and may be 85' or slightly more. I did the best I could measuring it inside the house. It's not easy measuring an 84' antenna in a 25' house :-). Any thoughts or comments appreciated and welcome.

72 de Rick WZ2T NNY

srichard@northnet.org

---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

Date: Fri, 06 Mar 1998 19:12:41 -0600
From: "Stuart B.D. Hunt" <stuart001@ameritech.net>
To: qrp-1@Lehigh.EDU
Subject: [5429] FS: QRP+
Message-ID: <35009F09.140CB558@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a QRP+(Index Labs) with updated EPROM installed, excellent, shipped CONUS for \$400. Reason : too many radios and not enough space!
Stu NB9NAE
Phone/Fax 847-295-6941
stuart001@ameritech.net

Date: Fri, 6 Mar 1998 19:31:34 -0600
From: jerrydeen@juno.com (Gerald A Huldeen)
To: kq0i@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [5430] Re: NU0V/John
Message-ID: <19980306.200142.10054.0.Jerrydeen@juno.com>

Right on Mark-

Lots of ops in Iowa, and about 100+ in Siouxland area, which is the site of Midwest/Dakota Division(s)/Hamboree 20. David Sumner K1ZZ will be there for a forum, and, for me, the greatest attraction of all, Adrian Weiss W0RSP will present TWO qrp forums, one on Friday May 29, and one on Saturday May 30. Paul Sipes, KB0JIT will have a forum on beginning kit building for all budding qrp'rs. In Sioux City, we now have several interested in qrp, and are hoping for more soon. We draw from Iowa, Nebraska, South Dakota and Minnesota, and understand some from Kansas and Missouri will be with us. I hope some of you on this list can also be there to hear Adrian speak. A great treat. VEC testing is available for those wishing to try for an upgrade. We usually draw 6 - 800 people, and hope to approach 1000 this year, our twentieth. The call sign W20 will be used during the Hamboree. Come help promote ham radio in general, and qrp in particular! More info later!!

Jerry WB0T
Sioux City, IA

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 6 Mar 1998 20:31:18 -0600
From: jerrydeen@juno.com (Gerald A Huldeen)
To: qrp-1@Lehigh.EDU
Subject: [5431] NY Times article
Message-ID: <19980306.203119.3374.1.Jerrydeen@juno.com>

Gang-

Comments about NY Times ham radio article appear in this week's edition of ARRL Letter.

URL is: [HTTP://www.arrl.org](http://www.arrl.org)

Look under NEWS box for this and prior letters. I know most of you are aware of this, but for those who aren't - there it is :-)

72 Jerry WB0T
Sioux City, IA

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 6 Mar 1998 20:45:32 -0600
From: jerrydeen@juno.com (Gerald A Huldeen)
To: qrp-l@Lehigh.EDU
Subject: [5432] Ny Times URL
Message-ID: <19980306.204714.3374.3.Jerrydeen@juno.com>

OOPS! URL should be <http://www.arrl.org/letter>

Sri for mistake.

Jerry WB0T
Sioux City, IA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 6 Mar 1998 18:58:01 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [5433] Re: Ham Radio
Message-ID: <199803070321.TAA23847@italy.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

OK guys es gals, is there a place on the Internet where I can read this

article you all are talking about? Tnx in advance
72 de KE6VHM Frank

Date: Fri, 6 Mar 1998 19:10:25 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <jennings@eng14.rochny.uspra.abb.com>, "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Subject: [5434] Re: CW on 10 meters ???
Message-ID: <199803070321.TAA23957@italy.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I do 10m mobil CW also around 28.010 es 28.060. More Mexico opps there
than US, I am close to the border though. Look forward to working y'all
soon. The band is sure to pick up, especially when El Nino goes away.
It's gonna be a late summer though.
72 de KE6VHM Frank

> From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: cw on 10 meters ???
> Date: Friday, March 06, 1998 12:52 PM
>
> Curtis D. Levin wrote:
> >
> > Anyone know where all the cw action is on 10 meters ???
> > I got a contact earlier today on 28.150. The band is pretty
> > much open, but noone is working cw ??????
> > When I listen on 40, I hear 100 khz of nothing but cw sigs.
> > I listen, and on 100 khz of 10, I hear nothing but noise.
> > Anyone ???
> >
> Curtis,
> I have been doing some 10 meter cw mobile operating lately. Mostly
> around noon to 1300 and 1700 or so. Most of the activity has been
> 28.010 to 28.030 with some signals at 28.060 (qrp freq??). When the
> band opens up there will be activity over a wider frequency range.
>
> Hope to cu on 10 cw some time.
>
> 73
>
> Tom, kv2x

> ~~~~~
>

Date: Fri, 06 Mar 1998 22:20:41 -0800
From: Maurice Rice <rice4@greenville.infi.net>
To: qrp-1@Lehigh.EDU
Subject: [5435] Battery monitor idea
Message-ID: <3500E739.55AB@greenville.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings fellow QRPers ...

Does anyone know of a device that would:

1. display voltage and current measurements
2. provide in-line fuses on + and - legs
3. provide low voltage cut-off (optional)

The idea being to at the press of a button check the condition of a battery without fumbling with DVM probes, especially disconnecting the power to get the meter inline to check current.

```
|-----| |-----|  
|battery|-(+)-| 12.00 |-(+)-> to rig etc.  
|         |-( -)-|      |-( -)->  
|-----| |_[V]_[A]_|
```

Date: Fri, 06 Mar 1998 22:24:14 -0800
From: Maurice Rice <rice4@greenville.infi.net>
To: qrp-1@Lehigh.EDU
Subject: [5436] Battery monitor idea
Message-ID: <3500E80E.37C1@greenville.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings fellow QRPers ... (Again)

Sorry about the first try -- too quick on the trigger.

Does anyone know of a device that would:

1. display voltage and current measurements
2. provide in-line fuses on + and - legs
3. provide low voltage cut-off (optional)

The idea being to at the press of a button check the condition of a battery without fumbling with DVM probes, especially disconnecting the power to get the meter inline to check current.

```
|-----| |-----|
|battery|-(+)-| 12.00 |-(+)-> to rig etc.
|         |-( -)-|      |-( -)->
|-----| |_[V]_[A]|
```

Small and light would be preferable as always.
Any ideas?

72 --

Maurice Rice KA4NIV
Simpsonville, SC
QRP-L#1158 ARS#179

Date: Fri, 06 Mar 1998 20:30:56 -0800
From: amarriot@Direct.CA (Albert Daniel Marriott)
To: qrp-l@Lehigh.EDU
Subject: [5437] FS: TenTec Century 21
Message-ID: <E0yBCKI-0000pz-00@edam.direct.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a Century 21 that is surplus to my needs (just acquired an Argosy at a good price) and would like to sell the C21. It can be adjusted to QRP level by front panel control.

The C21 is an 80-10 meter cw transceiver; all solid state; digital read out; built in power supply; full cw break in; 70 watts input, about 35-45 watts out.

The rig is in very good to excellent shape and works very well. Has a small bump on upper front cabinet (hardly noticeable, and not original back bottom feet - only 2 irregularities) Great CW rig.

Cost: \$180 USD; buyer pays shipping from BC.

If interested please email. Thanks.

Dan VE7CTN
amarriot@direct.ca

Date: Sat, 07 Mar 1998 00:25:16 -0600
From: Larry Jones <ljones@flash.net>
To: qrp-l@Lehigh.EDU
Subject: [5438] The Art of Electronics
Message-ID: <3500E84C.5202@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings Gang...

Well, I checked out the book at the local Bookstop. From my initial look, I would say it is a keeper. My only concern is the price. At \$65 a crack it may not be in everyones budget. Even with my 20% discount it will cost \$52. Still not cheap. If I was just starting out in electronics I would probably buy it. It covers about everything you can think of in electronics. JMHO.

72 Larry N50SG

Date: Sat, 7 Mar 1998 07:16:00 -0500 (EST)
From: Bruce Muscolino <w6toy@pop.erols.com>
To: mczuhajewski@evi-inc.com
Cc: QRP-L@Lehigh.EDU
Subject: [5439] Re: No QRP in NY Times article
Message-ID: <2.2.16.19980307080758.45c7d832@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>Uh yeah, right. And I can tell you why there's no mention of QRP! I got
>e-mail a few weeks back from someone at the ARRL staff, addressed to me in
>my capacity as President of the QRP ARCI. ARRL had been contacted by the

>author of this item, wanting some contact points to do research for
>his(her?) article. The staffer apparently was directed to me by another
>ARRL staffer who was a QRPer. She asked me if I'd mind talking to the
>author, who wanted to include a bit on QRP and homebrew. Sure, I'll be
>glad to talk with the author, sez I, gave her all my phone numbers, and
>she later replied that she had passed my numbers to the author. Needless
>to say--and obvious from the article!--the author never contacted me for
>inputs on QRP and homebrewing

>

At least we can't accuse the League of journalistic bias!

72

Date: Sat, 7 Mar 1998 07:16:11 -0500 (EST)
From: Bruce Muscolino <w6toy@pop.erols.com>
To: ljones@flash.net
Cc: QRP-L@Lehigh.EDU
Subject: [5440] Re: The Art of Electronics
Message-ID: <2.2.16.19980307080809.275f9d96@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>

> Well, I checked out the book at the local Bookstop. From my initial
>look, I would say it is a keeper. My only concern is the price.

>

Larry and the group,

I've suggested this before to individuals and now I'll share it with the bunch of you. In every city of any appreciable size there will be one or more used bookstores. In any city with a college or university nearby there will be a student store. Both of these places are the first stop you should make when looking for technical books.

Horowitz and Hill is a popular textbook used in EE classes almost everywhere. There are a few students who have not yet learned, and may never learn, that when they go into the world to practice their trade as an engineer, the books they bring along are the only things around their desk that can and may save the tender parts of their anatomy! These guys sell/trade in their books after each class. As an example I bought my copy of H&H for \$14.00 at a local used bookstore; I bought the student's guide for another \$5.00!

Take an afternoon off from the radio, or the workbench, and go visit some of

these places -- if you spend \$60 or \$100, at least you'll bring home several books!

73

Date: Sat, 7 Mar 1998 09:38:21 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [5441] Re: Headphones
Message-ID: <199803071421.3564500@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Monte Stark <ku7y@dri.edu>; owner-qrp-l@Lehigh.EDU
>
> Anyway, this lets me move around with the ear phones on and not
> get the cord tangled up!

OK, now where can I get wireless paddles?

73 de WB8RCR

Date: Sat, 7 Mar 1998 14:54:21 -0000
From: George Dobbs <g3rjv@gqrp.demon.co.uk>
To: qrp-l@Lehigh.EDU
Subject: [5442] SPRAT 94
Message-ID: <01bd49d8\$e95d2080\$LocalHost@kcubkvq1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings, Fellow QRPers,

SPRAT 94 is now with the printer - due for publication and the end of March.

This issues includes:

The ELBC Transceiver by DJ3KK : An unusual combined Keyer-DDS VFO

transceiver for 40m (or any other band) PCBs and Programmed chips available.

The Pegleg Gripper : A novel little device do doing a fiddley job.

The Classic Z Match Tuner : In my opinion "the" antenna tuner, now available with commercially produced custom open wound inductors.

The Gremlinmate Receiver : A Nice little receiver from Germany

The Bandbreaker Superhet Receiver : A high performance receiver with lots of interesting ideas.

Notes on the PW SPRAT : Improving the popular transceiver first published in Practical Wireless.

The Mini-Transmitter Key: Remember SM7UCZ's novel little key with built-in transmitter? He has come up with a half size version.

The Sunset Transceiver : The first solar powered station to achieve the very difficult G QRP Masters Award.

80/40m Valve Transmitter : A design for the tube fans.

Improved Mini-ATU : An update on the DJ1ZB Antenna Tuner which includes all bands from 160m.

Common Diodes as Varicaps : NA5N tells us how common diodes perform as varicap diodes, with chart.

Antennas/Anecdotes/Awards : The popular G8PG column with lots of news and ideas on antennas.

Plus : Communications & Contests, Members News, Novice and SSB columns and a wide range of QRP news and announcements.

-----Not a member of the G QRP Club ? -----

Well... if you send me you postal address,

I will send a sample old SPRAT and full membership details,

or

If you want to send your credit card details (Visa/Mastercard only)

Full name - Callsign - Full postal address - Card number/Expire date

to

G0bxo@btinternet.com

He will enrol you as a member.

72/3

George Dobbs G3RJV

g3rjv@gqrp.demon.co.uk

The G QRP Club

"It is vain to do with more

what can be done with less"

William of Occum. 1290-1350

Date: Sat, 7 Mar 1998 08:27:31 -0700 (MST)

From: ki7mn@dancris.com

To: qrp-1@Lehigh.EDU

Subject: [5443] OScopes
Message-ID: <199803071527.IAA25989@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There was a note earlier asking about the usefullness of teh 20MHz scope offered by Tech America. I saw no replies on the list. If the original poster received any, would you please share them with the rest of us.

Seems like a good buy at the price, but is it really useful in qrp homebrewing?
72,73

Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
<http://www.dancris.com/~ki7mn>

Date: Sat, 7 Mar 1998 08:34:09 -0700 (MST)
From: ki7mn@dancris.com
To: qrp-l@Lehigh.EDU
Subject: [5444] Ny Times URL
Message-ID: <199803071534.IAA26256@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>URL should be <http://www.arrl.org/letter>
>
>Sri for mistake.
>
>Jerry WB0T
>Sioux City, IA
>
>

You can see the entire article at
<<http://www.nytimes.com/library/tech/98/03/circuits/articles/05ham-radio.html>>
72,73
Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
<http://www.dancris.com/~ki7mn>

Date: Sat, 07 Mar 1998 07:36:29 -0800
From: David Shalita <af389@lafn.org>

To: DYARNES <DYARNES@aol.com>
Cc: qrp-1@Lehigh.EDU
Subject: [5445] Re: Headphones
Message-ID: <3501697D.9BCFA872@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Anyway, at most department stores
> (i.e. Wal-Mart, Target, etc.) you can usually find one of those small FM
> transmitter units intended for use in hooking up (electronically) a CD player
> to your system. These units usually cost about \$20 or less. You plug them
> into the headphone jack of your CD player and then you can pick up the music
> through a nearby FM receiver. I use one of these quite often with my
> transceivers and then I can walk around the shack (and, as Ron points out,
> sometimes even outside the shack) using a small FM receiver with headphones.
> Ron's set-up may be better, but this is a pretty cheap arrangement if you have
> a small FM receiver or possibly one of the headset radios. By the way, most of
> these little units do transmit in stereo.

72 de David W7AQK

Hi David and Digest folks,
What a timely discussion.

I am trying to use an FM Wireless Mike Kit I purchased from
ALL ELECTRONICS. Trying to do the same thing as you are describing
except using a mike pickup instead of wired audio feed.
I want retransmit the sound from my TV set, and listen while laying in
bed.

InFared looses the beam when laying down.

In Los Angeles, there seem to be no quiet spots between stations
on the FM band except at 88 and 108 mhz band edges.

Where do you tune the FM receiver when there are no quiet spots between
stations in such an RF hot area?

Or, is it NOT necessary to find a quiet spot?

Can the local CD TX over-ride the local strong local FM broadcast
stations?

Sure appreciate just a little more detail about tuning the FM
receivers.

73, thanks, W6MIK

--

David Shalita (Dave)

af389@lafn.org
Van Nuys, CA

Date: Fri, 6 Mar 1998 16:33:58 -0500
From: nilsbull@juno.com (Nils R Young)
To: ki6ds@dpol.k12.ca.us, QRP-L@Lehigh.EDU
Subject: [5446] Re: NorCal to have Major Announcement at Dayton
Message-ID: <19980307.112607.10286.0.nilsbull@juno.com>

Doug,

My son has a psychic hot line. Every time you call, it gives a reading on your psychic stuff. Every time I call it says that I am trying to reach Ian. How does it know that? I mean, it's only a machine?

Just a while ago I called it and it said that the NorCal kit that would be announced and showed off at Dayton will be

. . . . a transwarp conduit proactive hypercontextualized quadraphasic postmodernist intervention therapy intertextual organizational database permutative tetrahedral ex post facto recursive autoindexing communicative interface negotiating link feed device.

Right? I mean, it was right about my psychic reading. How could it possibly be wrong about the NorCal next fancy-pants deal?

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.fortunecity.com/victorian/mehetebell/94>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 7 Mar 1998 10:35:55 -0600

From: Justin Davis <JustinDD@usa.net>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [5447] MFJ tuner
Message-ID: <01BD49B4.CFD007A0.JustinDD@usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I recently picked up a Versa Tuner V at a local Hamfest, and the thing is way out of calibration. The reflected doesn't go as high as it needs to in order to correctly calibrate on either the low or high scale. What does the Transmitter tuner thing do anyway?

Any help would be appreciated, as I don't have any sort of documentation

Date: Sat, 7 Mar 1998 12:54:47 EST
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [5448] Dayton Event
Message-ID: <5b6ae5c5.350189ea@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Folks -

I was hoping to attend the Dayton event this year but alas it will not work out. It would have been my first time but job commitments have to override my desires to meet finally meet many of you for the first time.... (:?<) "BUT there's always next year" - The incurable optimist....! (:?>)

I was telling my XYL how I really wanted to go this year and that we will really try again next year - she suggested that never having been to Dayton, maybe someone on this list could send me a schedule of events. I told her that knowing this group if I posted such a request that I would probably end up with a couple hundred copies. But thinking more about it it occurred to me that I am not the only Ham out here that can't make it to Ohio and maybe one of you out there might just have a schedule of events that will take place there and post it here for the "poor unfortunate souls" that can't go. I also thought that maybe the Dayton group that is putting on this event may even have a website - if so please post the URL if anyone knows it.

To the rest of you guys and gals that are going - 73's, have loads of fun, and come home safe.

de KF6NJQ/AG Denny

PS - I'm told that Dayton has an incredible aircraft museum, but it takes at least a full day to see everything - FYI.

Date: Sat, 7 Mar 1998 13:11:19 EST
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [5449] Getting Kids On CW
Message-ID: <1c45ba44.35018dca@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well, I blew it with my kids. Although I've wanted to be a ham since I was 13 or 14, I kept putting it off until last August. Now I'm almost 55 and all my kids are grown up and married so I doubt whether any of them are going to get the "ham bug" from me. BUT... I have grandkids now..! And my 8 1/2 year old grand son is really a sharp kid and has shown some interest in learning "...that code thing". I'd love to teach him but before I get started I thought that I would ask this group if they have any suggestions on how to best prepare a child this young for the Novice code test and exam. He reads well and likes to learn new things. I just don't want to make a mistake and snuff out his interest. So... with that said I look forward to hearing from you on "best ways" to teach code and theory to an eight year old. Thanks in advance....

72's de Denny - KF6NJQ/AG

Date: Sat, 7 Mar 1998 13:16:55 -0500 (EST)
From: "Curtis D. Levin" <cdlevin@dialisdn.com>
To: QRP-L <qrp-1@Lehigh.EDU>
Cc: Ten Ten International <tenten-1@Lehigh.EDU>
Subject: [5450] qrp cw 28.110
Message-ID: <Pine.LNX.3.95.980307131537.10978F-1000000@danial.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am working qrp cw on 10m, 28.110.
Any and all who wish a contact may try me

there. Speed is variable, from 5 to 12 wpm.
73 de kd4zkw

```
-----  
| Curtis D. Levin  KD4ZKW      | cdlevin@dialisdn.com |  
| kd4zkw.ampr.org[44.98.2.22]| kd4zkw@amsat.org    |  
| Member HTML Writers Guild | QRP-L : #1488       |  
| Webpage  http://dialisdn.net/user/cdlevin/ |  
-----
```

Date: Sat, 7 Mar 1998 13:23:51 -0500 (EST)
From: "Curtis D. Levin" <cdlevin@dialisdn.com>
To: DENNIS MO <DENNISMO@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5451] Re: Getting Kids On CW
Message-ID: <Pine.LNX.3.95.980307132245.10978G-1000000@danial.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Mar 1998, DENNIS MO wrote:

>
> Well, I blew it with my kids. Although I've wanted to be a ham since I was 13
> or 14, I kept putting it off until last August. Now I'm almost 55 and all by
> kids are grown up and married so I doubt whether any of them are going to get
> the "ham bug" from me. BUT... I have grandkids now..! And my 8 1/2 year old
> grand son is really a sharp kid and has shown some interest in learning
> "...that code thing". I'd love to teach him but before I get started I
> thought that I would ask this group if they have any suggestions on how to
> best prepare a child this young for the Novice code test and exam. He reads
> well and likes to learn new things. I just don't want to make a mistake and
> snuff out his interest. So... with that said I look forward to hearing from
> you on "best ways" to teach code and theory to an eight year old. Thanks in
> advance....
>
> 72's de Denny - KF6NJQ/AG

Try the Gordon West book and cassette tapes, and get him a practice
oscillator. Having a toy will hold his interest. Then send him cw
using an oscillator, and he'll be prepped for qsos.

Curtis D. Levin KD4ZKW	cdlevin@dialisdn.com
kd4zkw.ampr.org[44.98.2.22]	kd4zkw@amsat.org
Member HTML Writers Guild	QRP-L : #1488
Webpage <http://dialisdn.net/user/cdlevin/>	
~~~~~

-----  
Date: Sat, 7 Mar 1998 12:32:07 -0600  
From: Kevin Muenzler - WB5RUE <wb5rue@stic.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [5452] RE: Whizzing tales  
Message-ID: <01BD49C5.0B651200@SA5399-7-34.stic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

On carlos.caro@lmco.com, Caro, Carlos[SMTP:carlos.caro@lmco.com] wrote:  
> Hi all ,  
> This last topic of wetting down a charged wire brought a chuckle, as I  
> too have a story. I rank as one who learns by observation. It was 1963  
> in the Pyrennes between Spain and France. The Squadron Commander wanted  
> a pitch and putt course laid out but the grazing sheep messed up his  
> greens. As a Philco Tech-Rep I was requested to do something about it so  
> we laid out an electric fence system using TV flyback xfmr's.  
> The Basque sheep herders always use their dogs and this stout canine was  
> working real hard when he decided to take a pause that refreshes.  
> Unfortunately for him he hit our live wire and I never saw him take off  
> but I could hear him Yiping down the valley. I think he is still running  
> even after 35 years. I have to admit that we laughed so hard I wet  
> myself.  
> Had'nt thought about that poor dog in many a year!  
> Regards,  
> Carlos #1333  
>  
>

The TV flyback xfmr tale reminds me of something my father-in-law did once. He is an electrician so he always had neon lamp transformers laying around. He was having a problem with a neighbor's bull putting his head through the fence to eat the roses. YES ROSES! There was a old electric fence wire that ran along the top of the fence. S00000, he decided to hook it up. He used an old 7kv transformer. He grounded one side and hooked the other to the fence wire and watched. Well, here comes the bull. He stuck his head through the fence and the tip of one ear touched that hot wire. He saw the little flash, a puff of

smoke and a loud M0000000000. It startled that bull so much that he fell to his knees, and took out about 50 feet of fence trying to get away from the hot wire. He said it was the funniest thing he had ever seen! Of course it did cost him several hundred dollars to fix the fence. He said it was worth every penny.

Kevin, WB5RUE

-----  
Date: Sat, 7 Mar 1998 15:22:09 -0500 (EST)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>  
Subject: [5453] W3EAX - change of pace - more oomph & bigger ants  
Message-ID: <Pine.LNX.3.95.980307151339.990A-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Talk about a rush - just like the old days, breaks between classes.

Grab a free spot on 20m, and call CQ (CW of course) a few times, then work Europeans in mid-day one after another. And to think, it's only at 75w to a 6 el. tribander @ 100'...

You know the DX guys who pick up QRPers out of the mud?

It felt good, today, at least for a little while, to be the hunted and not the hunter.

Now, back to being the hunter.

P.S. ARRL DX SSB - 75 watts, 150 Qs, 48 countries in 3-1/2 hours.

To think, if I had more time!?!?

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\* 6m 82 grids on 8w \* DXCC WAS WAC \* QRP-L #147 \* QRP ARCI #9054 \*  
\* <http://w3eax.umd.edu/~ham> \* ARRL Life Member /Laurel ARC/UMARA \*  
\*\*\* 301-549-1022 h 301-982-1015 w \*\*\* 35 wpm HF mobile CW Neon \*\*\*

-----  
Date: Sat, 07 Mar 1998 13:45:58 -0600

From: Tim Ahrens <tahrens@inetport.com>  
To: qrp-1@Lehigh.EDU  
Subject: [5454] Using Topo Maps for selecting QRP sites  
Message-ID: <3501A3F6.AAD54DB3@inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok, well, it might not be totally QRP related, but does anybody know where/how I can get some 24,000 type topo maps in machine readable form? I've looked at the USGS site, but it's kinda greek to me.

I need them for QRPTTF :->

cu

Tim W5FN

-----  
Date: Sat, 07 Mar 1998 13:42:49 -0600  
From: Ed Manuel <n5em@flash.net>  
To: qrp-1@Lehigh.EDU  
Subject: [5455] FDIS - Live?  
Message-ID: <3.0.5.32.19980307134249.0085c1b0@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anyone making plans for a web-cam and maybe a real-audio feed for the big event. The next best thing to being there.

Ed Manuel, N5EM  
Houston, Texas  
n5em@amsat.org  
n5em@flash.net

-----  
Date: Sat, 07 Mar 1998 11:56:28 -0800  
From: Chuck and Michele Snyder <csnyder@nextdim.com>  
To: cdlevin@dialisdn.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>



Subject: [5456] Re: Getting Kids On CW  
Message-ID: <3501A66B.95E5F4F1@nextdim.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Curtis,

I am about to get certified myself for the first time on this next Saturday. Anyway, last night I found this great CW program that I feel would really benefit your 8 1/2 year old kid. My 5 year old daughter is showing an interest in CW too. Anyway, go to the following address:

<http://www.magiclink.com/web/shurst/Links.html#Morse>. Down load the NuMorse program.

The program seems quite nice and very user-friendly. Let me know what ya think.

--

Chuck Snyder (No\_Call\_Sign\_Yet)  
<http://www.nextdim.com/users/csnyder/index.htm>  
QRP-L #1462  
Spokane, WA

Curtis D. Levin wrote:

> On Sat, 7 Mar 1998, DENNIS MO wrote:

>

> >

> > Well, I blew it with my kids. Although I've wanted to be a ham since I was 13  
> > or 14, I kept putting it off until last August. Now I'm almost 55 and all by  
> > kids are grown up and married so I doubt whether any of them are going to get  
> > the "ham bug" from me. BUT... I have grandkids now..! And my 8 1/2 year old  
> > grand son is really a sharp kid and has shown some interest in learning  
> > "...that code thing". I'd love to teach him but before I get started I  
> > thought that I would ask this group if they have any suggestions on how to  
> > best prepare a child this young for the Novice code test and exam. He reads  
> > well and likes to learn new things. I just don't want to make a mistake and  
> > snuff out his interest. So... with that said I look forward to hearing from  
> > you on "best ways" to teach code and theory to an eight year old. Thanks in  
> > advance....

> >

> > 72's de Denny - KF6NJQ/AG

>

> Try the Gordon West book and cassette tapes, and get him a practice  
> oscillator. Having a toy will hold his interest. Then send him cw  
> using an oscillator, and he'll be prepped for qsos.

>

>

> |-----|  
> | Curtis D. Levin KD4ZKW | cdlevin@dialisdn.com |  
> | kd4zkw.ampr.org[44.98.2.22] | kd4zkw@amsat.org |

> | Member HTML Writers Guild | QRP-L : #1488 |  
> | Webpage <http://dialisdn.net/user/cdlevin/> |  
> ~~~~~

-----  
Date: Sat, 7 Mar 1998 12:09:07 -0800  
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>  
To: <cdlevin@dialisdn.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [5457] Re: Getting Kids On CW  
Message-ID: <19980307200913.AAA6168@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I've got older kids (for whom Amateur radio is of NO interest) and younger kids, one of whom is somewhat interested. We're going to approach it slightly differently -- thinking of learning CW as a ''foreign language.'' Interestingly enough, in high school I learned Spanish and CW. Guess which one I'm still fluent in 40-years later!  
Alan Kaul, W6RCL, LaCanada-Flintridge, CA  
<http://home.att.net/~alan.kaul/qrp.html>  
alan.kaul@worldnet.att.net  
w6rcl@amsat.org

-----  
Date: Sat, 7 Mar 1998 15:22:18 -0500 (EST)  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
To: DENNIS MO <DENNISMO@aol.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [5458] Re: Dayton Event  
Message-ID: <Pine.GS0.3.96.980307152143.11081A-1000000@joxer.acsu.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Try this site:

<http://www.hamvention.org/>

I think they have pictures and other info about Dayton.

73,

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
Life member ARRL  
jskalski@acsu.Buffalo.EDU

-----  
Date: Sat, 7 Mar 1998 12:29:51 -0800  
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [5459] Norcal Paddles up and paddling' + contest!!  
Message-ID: <19980307202956.AAA8518@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

My Norcal paddles have been assembled (soon to be disassembled and reassembled after a little fine filing/sanding on the bearings). I had the base CHROMED on mine (\$5 at the local plater as part of a qrp-l members-11-base chroming deal) and despite the poor quality on the chroming job, the paddles look fantastic. The chrome job on mine seems to suffer in 2-3 places where it looks as if electrolyte was pooled and or rippling, and in a couple of places where there are small pits. I polished the brass a bit with Brasso and put it all together using washers instead of the drilled out nuts for the vertical spacing on the magnetic block (local hardware store had brass washers which were thinner than the stock washers--one stock one plus two ACE HARDWARE brass washers = the thickness of the brass nut they replaced (I had drilled out the nuts, but the outside edges got a bit roughed up while I was drilling--so the washers look much better).

I will file down the bearings for a .001-.002 clearance (as it sits "stock" there is a discernible vertical wiggle during keying --- made worse because the bearings act like a fulcrum and the max wiggle is at the end of the dot-dash arms which in this case are acting like teeter-totters), polish the chrome, polish the brass, buff the brass, polish the brass, etc (Doug wrote that he spent 5-hours with a buffer and rouge!!!), rest a little and

then polish the brass some more. And when I'm done, I'LL BE POUNDING  
BRASS--QUITE LITERALLY!

PS- I know for many of you SSB is a naughty word, but it is the weekend of  
the ARRL Phone contest, and if you can get five watts on 10 SSB -- you  
probably can work some DX. There are lots of LU's, CX's, PY's, etc.,  
rolling into Southern California between 28.3 and 28.5. Don't forget the  
exchange is signal report plus your home state or province -- and you can  
only work DX, not USA or Canada. And even if you only work a handful,  
submit your scores as 'single band (10M) QRP' to the ARRL and let's show  
'em how many are out here! Of course if you want to get on more bands than  
just 10, your entry would be 'all band.' If you need help scoring or with  
a contest entry, pls let me know--I'll be glad to provide assistance via  
e-mail.

Best 73/72 de alan and THANKS K8FF, AND DOUG AND JIM FOR A GREAT KIT!!!!

Alan Kaul, W6RCL, LaCanada-Flintridge, CA  
<http://home.att.net/~alan.kaul/qrp.html>  
[alan.kaul@worldnet.att.net](mailto:alan.kaul@worldnet.att.net)  
[w6rcl@amsat.org](mailto:w6rcl@amsat.org)

-----  
Date: Sat, 7 Mar 1998 14:28:19 -0700 (MST)  
From: Paul Harden <[pharden@aoc.nrao.edu](mailto:pharden@aoc.nrao.edu)>  
To: Nils R Young <[nilsbull@juno.com](mailto:nilsbull@juno.com)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [5460] Re: NorCal to have Major Announcement at Dayton  
Message-ID: <[Pine.SOL.3.91.980307142408.10586B-1000000@zia](mailto:Pine.SOL.3.91.980307142408.10586B-1000000@zia)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Mar 1998, Nils R Young wrote:

> the NorCal kit to be announced and showed off at Dayton will be . . . .  
>  
> . . . . a transwarp conduit proactive hypercontextualized quadraphasic  
> postmodernist intervention therapy intertextual organizational database  
> permutative tetrahedral ex post facto recursive autoindexing  
> communicative interface negotiating link feed device.

^^^^

Actually, I heard it will be AUTO linking

72, Paul NA5N

-----  
Date: Sat, 07 Mar 1998 13:56:34 -0800  
From: Monte Stark <ku7y@dri.edu>  
To: Chris Cartwright <ccart@dns.vidtel.com>, QRP-L <qrp-l@Lehigh.EDU>  
Subject: [5461] Re: Apology  
Message-ID: <3501C292.4C957922@dri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Chris,

Well, that 800 acres was an oil field. And there are ALWAYS some kind of joke going around!

So I grew up knowing almost all of them.

Until one day..... I was running the rig and we had stopped for a smoke. Two of the guys started messing with a shovel. Trying to kick it. But the trick was in how it had to be done..... :-)

You had to put your right foot/leg behind and to the left of your left leg. Now you place the point of the shovel on the toe of your right boot. Hold the handle with your right hand in front of you.

Now take 3 little shuffling steps and kick the shovel as far as you can. The guy with the worst kick has to buy the beer after work....

Well, these candy asses could only get the shovel to go about 2 to 3 feet! Man, I stepped up there and I mean to tell you I kicked that shovel into the next county. About that time I noticed that my left foot was about head high and that my right foot was almost that high.

It was just a few milliseconds before I realized that there wasn't anything holding me up..... !!

Gravity took care of the rest!

The beer tasted good!

OBQRP:

Would it help if I said it was a small can of beer? :-)

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M  
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49  
AR QRP #150-----DM09cg-----New Washoe City, NV

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Date: Sat, 7 Mar 1998 15:01:15 -0700 (MST)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: "Mark A. Andrews" <KE4IOF@HiWAAY.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [5462] Re: TechAmerica 20Mhz Protek Scope  
Message-ID: <Pine.SOL.3.91.980307143455.10586D-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Mar 1998, Mark A. Andrews wrote:  
> TechAmerica has a 20Mhz Dual Trace Protek O'scope on sale for \$249.00 in its  
> recent flyer. Does anyone more knowledgeable than me (almost everyone on  
> this list) think this would be a worthwhile investment, especially  
> considering the upcoming Elmer101 course?

Mark (and others),  
If it were up to us, we'd get a DC-1GHz full sampling digital oscilloscope  
that will save the display on disk in .TIF format or make a hardcopy on  
your printer. We have a couple of those at work and they ARE the  
cat's meow.

BUT IN THE REAL WORLD (those QRPers without a \$30K scope budget), a  
dual-trace 20MHz scope for <\$300 is a very good buy, in my opinion. I  
haven't seen this scope, own stock in the company, etc. ... but any  
decent 20MHz scope will find years on use in most any QRPers shack.

A 20MHz bandwidth means the vertical amplifiers are guaranteed to  
display the signal within 3dB of the true signal magnitude from DC to  
20MHz. Doesn't mean the scope craps out at 21MHz! Just means that  
ABOVE 20MHz, the displayed peak-to-peak magnitude will be less than  
what it really is as the gain of the internal amplifiers starts to  
roll-off >20MHz ... just as any amplifier does above its design  
frequency. With a slight loss in true magnitude, it will STILL be  
able to resolve individual cycles of RF at 21MHz for the 15M band,  
maybe even to 28MHz, but by then, highly attenuated (a 1Vpp signal  
will probably be less than 100mV by then).

Plus, you will find the dual-trace option to be VERY useful in measuring amplifier stage gains, phase shifts through the output filter, etc. by comparing the GOZINTA to the GOZOUTA ports (that's input to output in engineering terms -hi).

Again, I have no personal experience with this particular brand of scope, but I would say a dual-trace 20MHz brand new scope with some sort of warranty and service for a few hundred bucks is a deal for those of you wanting a good general purpose scope for HF RF work for many years of service including anything that comes along for the Elmer 101.

The last thing to consider is its minimum vertical sensitivity. Is it in the 20mV to 50mV range? (I don't know). 20mV/division sensitivity is needed for looking at weak signals, such as the output of the typical product detector or output of last IF amplifier or crystal filter. Much before those stages, the signals are generally too weak to be seen on most scopes anyway. If its 100mV/div., you will have some difficulty seeing some of the weak signals usually nice to look at.

Does it have other features, such as delayed sweep, external Z-axis input (useful for making a poor man's spectrum analyzer), 50-ohm AND Hi-Z inputs? These features have some nice applications, but not mandatory for most measurements.

GL, Paul NA5N

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Date: Sat, 07 Mar 1998 14:09:04 -0800  
From: Monte Stark <ku7y@dri.edu>  
To: pharden@aoc.nrao.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [5463] Re: NorCal to have Major Announcement at Dayton  
Message-ID: <3501C57F.8C1AB429@dri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Paul Harden wrote:

>  
> On Fri, 6 Mar 1998, Nils R Young wrote:  
> > the NorCal kit to be announced and showed off at Dayton will be . . . .  
> >  
> > . . . . a transwarp conduit proactive hypercontextualized quadraphasic  
> > postmodernist intervention therapy intertextual organizational database

> > permutative tetrahedral ex post facto recursive autoindexing  
> > communicative interface negotiating link feed device.  
> ^^^^  
> Actually, I heard it will be AUTO linking  
>  
> 72, Paul NA5N

Wow, I have been trying to figure it out..... and they you said that!  
Shoot, now EVERYONE is going to know..... It's so simple.

Geeeeessh Paul, you just gave it away!

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M  
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49  
AR QRP #150-----DM09cg-----New Washoe City, NV

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Date: Sat, 07 Mar 1998 14:12:26 -0800  
From: Monte Stark <ku7y@dri.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [5464] SSB DX  
Message-ID: <3501C64A.6E6B4821@dri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All,

Alan had a good post. 10m is open. I heard ZD8Z at about 28451 running  
about 5 db over S9!

Listen for George and that Texas bunch at 6D2X. They would love to make  
a contact with you.

Ditto for Dennis, the editor of the NCJ. He is at KP3P.

Enjoy,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M  
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49  
AR QRP #150-----DM09cg-----New Washoe City, NV



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Date: Sat, 7 Mar 1998 15:12:33 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Monte Stark <ku7y@dri.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [5465] Re: Apology  
Message-ID: <Pine.BSI.3.96.980307150643.11872B-1000000@usr06.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Mar 1998, Monte Stark wrote:

> Hi Chris,  
>  
> Well, that 800 acres was an oil field. And there are ALWAYS some kind of  
> joke going around!  
>  
> So I grew up knowing almost all of them.  
>

I was quite uninitiated when I went into the service, despite having been an army brat for 16 years. We were playing liars' dice one evening after flight training, and it came down to myself and a short Hawaiian kid. He showed three sixes with two under the cup and claimed he had four sixes and a five! I took it and found out that the dice under the cup were both garbage. Having no place else to go, I gave the cup a thorough shaking, put it down without looking, and declared five sixes!

Everyone had a good laugh.

Until the cup was lifted, and then to everyone's surprise, including my own, there were two more sixes.

There was \$75 on the table.

Must have been the same batch of beer.

/-----.  
 / What's all this \  
 / extinct stuff, anyhow? /  
 \-----'  
 |/  
oo\  
(--)\  
 \ \ . ' '

Circuit Design for the  
RF Impaired  
  
Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

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Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

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Date: Sat, 7 Mar 1998 22:22:57 +0000  
From: Bob Roach <[KE4QOK@worldnet.att.net](mailto:KE4QOK@worldnet.att.net)>  
To: [qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)  
Subject: [5466] SMiTe Help  
Message-ID: <19980307222252.AAB20146@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello All,

A while back I saw a message about a SMiTe kit that motorboated and I am now having that problem and I can't find the message. Can anyone send me a copy or point me in the right direction to solve the problem.

Thanks

(o o)

-----o00\_( )\_00o-----

73 es TNX                   Advanced,    VE,   QRP-L#1264,   AR QRP#83  
KE4QOK            KE4QOK@worldnet.att.net  
Bob            ke4qok@juno.com

136 Hermitage Road  
Newport News, VA 23606  
(757)930-0348

When the student is ready.....  
The teacher will appear.

-----

Date: Sat, 7 Mar 1998 16:24:57 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-1@Lehigh.EDU>  
Subject: [5467] Alaska NOW!  
Message-ID: <Pine.SOL.3.91.980307162342.12160A-100000@GPFN1.GPFN.SK.CA>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

KL7Y is on 21.280....worked him qrp, 5 watts...2223Z...good luck - 72 -  
Bruce (VE5RC)

-----  
Date: Sat, 07 Mar 1998 17:31:02 -0500  
From: joel malman <malman@world.std.com>  
To: qrp-1@Lehigh.EDU  
Cc: malman@world.std.com  
Subject: [5468] P Beacon - on 80 Meters  
Message-ID: <199803072231.AA22947@world.std.com>

By now everyone knows about the "P" beacon on 40 meters (about 7039). It's useful 'cause it tells you if 40 is open 'long'.

This afternoon, I was poking around the low end of 80, the band seemed open 'long' as there was quite a bit of EU (mostly all working other EU). Then I heard the P beacon. I was not really expecting to hear the P beacon on 80 meters. If you want to check it out, try 3593.8 ... good luck. It's pretty strong here - I'd call it at least 569.

/joel      wa1qvm (Concord, Mass.)

-----  
Date: Sat, 7 Mar 1998 17:45:04 EST  
From: Scottae4vq <Scottae4vq@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [5469] KL SMiTe #123  
Message-ID: <b6fa2ba6.3501cdf3@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Gang:

A first for me... a QRP kit built from scratch that works on the first try !!!

All you who have been reluctant to try surface mount... listen, it can be done. What you need: 1) thin tip soldering iron (25 watts) 2) thin tip tweezers to hold the tiny parts 3) a magnifier 4) a sense of adventure.

It looks intimidating at first, but I finished it in about 2 1/2 hrs.

Try it...it was fun.

72's... Scott AE4VQ

-----  
Date: Sat, 7 Mar 1998 16:40:30 -0700 (MST)  
From: marion@montana.com  
To: qrp-l@Lehigh.EDU  
Subject: [5470] norcal key kit  
Message-ID: <199803072340.QAA18873@paw.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I got my key kit with the narrow paddle spacing today and put it together. Suprise! I prefer the wider spacing. I will try it out some more, I may be so used to the first one I got that this one doesnt feel right. So far though, It will take alot of practice before I can use it on the air. At least the base In this one looks alot smoother than the first one.  
Roy AB7CE

-----  
Date: Sat, 7 Mar 1998 18:14:16 -0500  
From: "Joe E. Eder" <joe\_eder@compuserve.com>  
To: QRP-L Distribution <qrp-l@Lehigh.EDU>  
Subject: [5471] Now Bring on Elmer101  
Message-ID: <199803071815\_MC2-35F0-C897@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

So I subscribe to this mail list thingy, lurk a lot, notice all the upgrade encouragement, get lucky and catch a fox or 2, and now what happens?

Take the extra exam today and now I are one! YES! ;<)

Many thanks to Marshall for his most excellent Codemaster V software (no relation other than satisfied customer). That's one money-back offer you don't have to worry about., Marshall.

Also to Chuck and others whose sites were mentioned re: morse education in the list in the past two months, thanks for super info about learning methodologies. Experimenting with these various approaches helped alleviate the boredom of daily code practice.

And to all on the list whose recurring communications helped rekindle my interest in amateur radio after 20 years, thanks one and all.

Now to get on with the Elmer project and begin to understand what radio technology really is.

Joe

KW5OK/AE

PS.. one of the VE's was a ham I hadn't seen in about 12 years, K5PX. Had great fun visiting about mutual friends, contesting, radio clubs, and getting new hams involved in radio beyond using 2 meter repeaters.

-----  
Date: Sat, 07 Mar 1998 16:17:35 -0700  
From: "Karl B. Staddon" <ve6kbs@AGT.NET>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [5472] Delayed Thanks for QRP Wattmeter Information  
Message-ID: <3501D58F.79D3@agt.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Circa January 21st, I solicited the group's views on the best qrp wattmeter. I got several responses and subsequently purchased the WM-2 kit.

What I didn't realize at the time and what I discovered today was that my 8 year old downloaded my email on the 21st or 22nd onto her computer, hence I wasn't aware of

about

15 other responses. So, to all of you who responded, a VERY SINCERE AND LATE thank you.

I may have to rethink the practice of having 3 computers in the house using the same email address hihi.

Cheers de VE6KBS, CALGARY, AB.

-----  
Date: Sat, 07 Mar 1998 17:44:24 +0000  
From: Jim <kj5tf@mctc.com>  
To: qrp-1@Lehigh.EDU  
Subject: [5473] Cheap small solar panels  
Message-ID: <35018778.4D82@mctc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lyn, I went to the site and think you found a good find. The larger ones selling for under \$5. A watt are good deals too.

A 4 watt panel will keep several sets of NiCad's charged in a weeks time, and you will be ready for a weekend camping trip, or contest.

QRP and natural power go hand in hand. Making contacts with 5w or less is a blast, and when you unhook from the power grid, and do your hamming with power you got for "free" via the Sun is the cherry on top.

Try it, but do it with surplus, and recycled stuff,  
72/3'z de Jim AR QRP #2

>Guys,

>A few days ago there was a short thread about cheap solar panels.

>In case any of you are interested, this morning I took a quick look  
>and found some cheap panels at:

><http://www.jademountain.com/usedpv.html>

>They probably have limited quantities of the "used" and "off-spec"  
>units, so remember that the early bird gets the worm.

>Of course, the cheapest buy per watt is going to be the larger panels

>and the used panels. Remember, You need at least 14.5 volts at the  
>voltage/current "knee" in order to charge lead-acid batteries. This  
>does not mean you can connect these panels straight to batteries and  
>then forget them. See my previous notes for details or send me a  
>note if you need more info.

>73,  
>Lyn, W4WDN

LYN WILLIAMS wrote:

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End of QRP-L Digest 1022  
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